

DC POWER SOURCE CIRCUIT

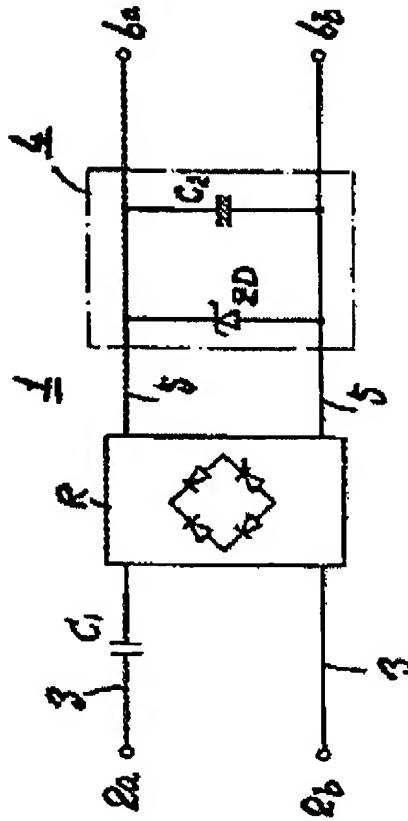
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Abstract of JP60005776

PURPOSE: To reduce the size of a DC power source circuit by providing a condenser and a rectifier in series with an AC power source circuit and providing a constant-voltage circuit at the secondary side of the rectifier, thereby eliminating a transformer.

CONSTITUTION: When an AC voltage is applied to power source terminals 2a, 2b, a current limited by a capacitor C1 is flowed to an AC power source circuit 3, rectified by a rectifier R, and a current restricted by the capacitor C1 at the same voltage as the power source is outputted to the secondary side of the rectifier R. This output is dropped to the prescribed voltage by a Zener diode ZD, a pulsating current is smoothed by a capacitor C2, and outputted to output terminals 6a, 6b.



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